

AVIATION PHYSICAL STANDARDS FOR APPLICANTS JAN 2006 (USN/USMC)									
BLOCKS ON SF 88	ITEM		SNA	SNFO	STUDENT AEROMDEICAL OFFICER	AIRCREW (FIXED WING)	AIRCREW (HELO)	AEROSPACE PHYSIOLOGY TECHNICIAN	AIR TRAFFIC CONTROLLER
24	SLIT LAMP		REQUIRED	REQUIRED	REQUIRED	NOT REQUIRED	NOT REQUIRED	NOT REQUIRED	REQUIRED
59	DVA		≤ 20/40 and correctable to 20/20 10/10 Goodlite	Correctable to 20/20 7/10 Goodlite	Correctable to 20/20 7/10 Goodlite	Correctable to 20/20 7/10 Goodlite	≤ 20/100, Correctable to 20/20 7/10 Goodlite	Correctable to 20/20 7/10 Goodlite	Correctable to 20/20 7/10 Goodlite
60	Ref. error	Manifest (Note 1)	-1.50 to +3.00 All Meridians	≤ +/-8.00 All Meridians	No limit (Note 5)	No limit	No limit	No limit	≤ +/-8.00 Sph Equiv
		Cyclo (Note 1)	-1.50 to +3.00 All Meridians	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required
	Cylinder	Manifest (Note 1)	Max Cylinder ≤1.00	Max Cylinder -3.00	No limit	No limit	No limit	No limit	No limit
	Anisometropia (Manifest)		≤3.50D in any Meridian	≤3.50D in any Meridian	No limit	No limit	No limit	No limit	No limit
61	NVA		≤ 20/40, corrects to 20/20	Corrects to 20/20	Corrects to 20/20	Corrects to 20/20	≤ 20/100, corrects to 20/20	Corrects to 20/20	Corrects to 20/20
62	Phorias			NOHOSH		NOHOSH	NOHOSH	NOHOSH	NOHOSH
	Eso		≤ 6		≤ 6				
	Exo		≤ 6		≤ 6				
	Hyperphoria		≤ 1.5		≤ 1.5				
	NPC		Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required
64	Falant, PIP, or Ishihara (Note 2)		Required	Required	Required	Required	Required	Not Required	Required
65	Depth Perception (Note 3)		Required	Not Required	Required	Not Required	Required		Not Required
66	Field of Vision		Required	Required	Required	Required	Required	Required	Required
67	Night Vision (Note 3)		NIBH	NIBH	NIBH	NIBH	NIBH	NIBH	NIBH
69	Intraocular Tension (IOP)		≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg

**Notes:** (1) The refractive error for SNA's shall not exceed more than -1.50 diopter in any meridian or +3.00 in any meridian. Refractive error shall not exceed +/-8.00 diopters in any meridian or 3.50 Diopters of anisometropia for SNFO. SNAs must have vision corrected to 20/20 – 0 if glasses are required.

(2)FALANT: 9/9 to pass. If failed one or more, must repeat 2 series of 9 and candidate must have 16/18 correct in order to pass. PIP: 12/14 to pass. New acceptable test: Ishihara 12/14 to pass.

(3)Verhoeff : 8/8 to pass. If failed one or more, must repeat 2 series of 8 and candidate must have 16/16 correct in order to pass. AFVT: A-D to pass. Anything less than A-D=Fail. Other acceptable tests: Titmus or Randot Stereo 40 seconds to pass. If glasses required patient must wear them for testing and "with Rx" should be documented.

(4) NIBH = Not Indicated By History

(5) AEROMEDICAL OFFICER-civilians must meet refraction standards for commissioning (≤ +/-8.00 Spherical Equivalent).

**ALSO REFER TO PRK WAIVER POLICY AND SNA CONTACT LENS WAIVER POLICY FOR FURTHER GUIDANCE.**

# PHYSICAL STANDARDS FOR DESIGNATED AVIATION PERSONNEL

## JAN 2006 (USN/USMC)

BLOCKS ON SF 88	ITEM		Pilot	NFO	AEROMEDICAL OFFICER FS/AP/ AEP/AsO	AIRCREW (FIXED WING)	AIRCREW (HELO)	AEROSPACE PHYSIOLOGY TECHNICIAN	AIR TRAFFIC CONTROLLER
59	DVA		≤ 20/400 and correctable to 20/20 (10/10 Goodlite)	Corr to 20/20 (7/10 Goodlite)	Corr to 20/20 (7/10 Goodlite)	Corr to 20/20 (7/10 Goodlite)	≤ 20/100 Corr to 20/20 (7/10 Goodlite)	Corr to 20/20 (7/10 Goodlite)	Corr to 20/20 (7/10 Goodlite)
60	Ref. error	<b>Manifest</b>	No limit	No limit	No limit	No limit	No limit	No limit	No limit
		<b>Cyclo</b>	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required
	Cylinder	<b>Manifest</b>	No limit	No limit	No limit	No limit	No limit	No limit	No limit
	Anisometropia (Manifest)		≤3.50D in any Meridian	No limit	No limit	No limit	No limit	No limit	No limit
61	NVA		≤ 20/400, corrects to 20/20	Corrects to 20/20	Corrects to 20/20	Corrects to 20/20	≤ 20/100, corrects to 20/20	Corrects to 20/20	Corrects to 20/20
62	Phorias			NOHOSH	NOHOSH	NOHOSH	NOHOSH	NOHOSH	NOHOSH
	Eso		≤ 6						
	Exo		≤ 6						
	Hyperphoria		≤ 1.5						
	NPC		Not Required	Not Required	Not Required	Not Required	Not Required	Not Required	Not Required
64	Falant, PIP, or Ishihara (Note 1)		Required	Required	Required	Required	Required	Not Required	Required
65	Depth Perception (Note 2)		Required	Not Required	Not Required	Not Required	Required	Not Required	Not Required
66	Field of Vision		Required	Required	Required	Required	Required	Required	Required
67	Night Vision (Note 3)		NIBH	NIBH	NIBH	NIBH	NIBH	NIBH	NIBH
69	Intraocular Tension (IOP)		≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg	≤22mmHg. IOPs must be within 4mmHg

### Notes:

(1)FALANT: 9/9 to pass. If failed one or more, must repeat 2 series of 9 and patient must have 16/18 correct in order to pass. PIP: 12/14 to pass. New acceptable test: Ishihara 12/14 to pass.

(2)Verhoeff : 8/8 to pass. If failed one or more, must repeat 2 series of 8 and candidate must have 16/16 correct in order to pass. AFVT: A-D to pass. Anything less than A-D=Fail. New acceptable tests: Titmus or Randot Stereo 40 seconds to pass. If glasses required patient must wear them for testing and "with Rx" should be documented.

(3) Night vision requirement is NIBH- Not Indicated By History. E.g. "do you have any problems with your vision at night?"  
ALSO REFER TO PRK WAIVER POLICY FOR FURTHER GUIDANCE.